

Fig. 1

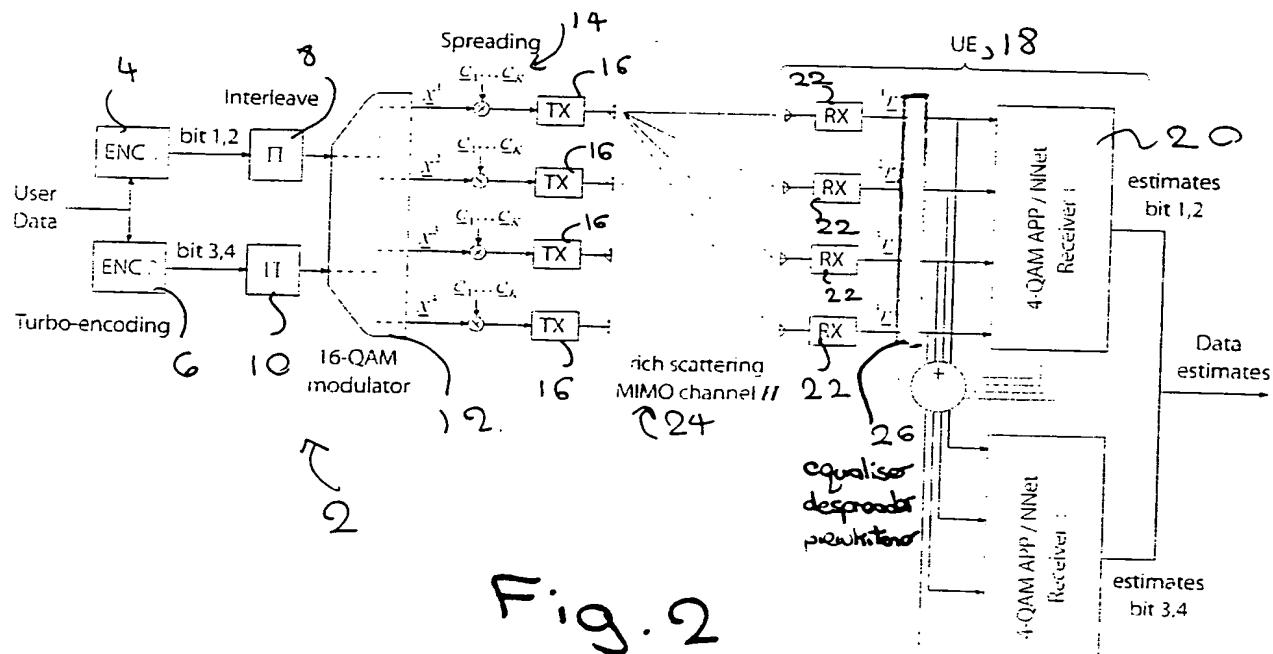


Fig. 2

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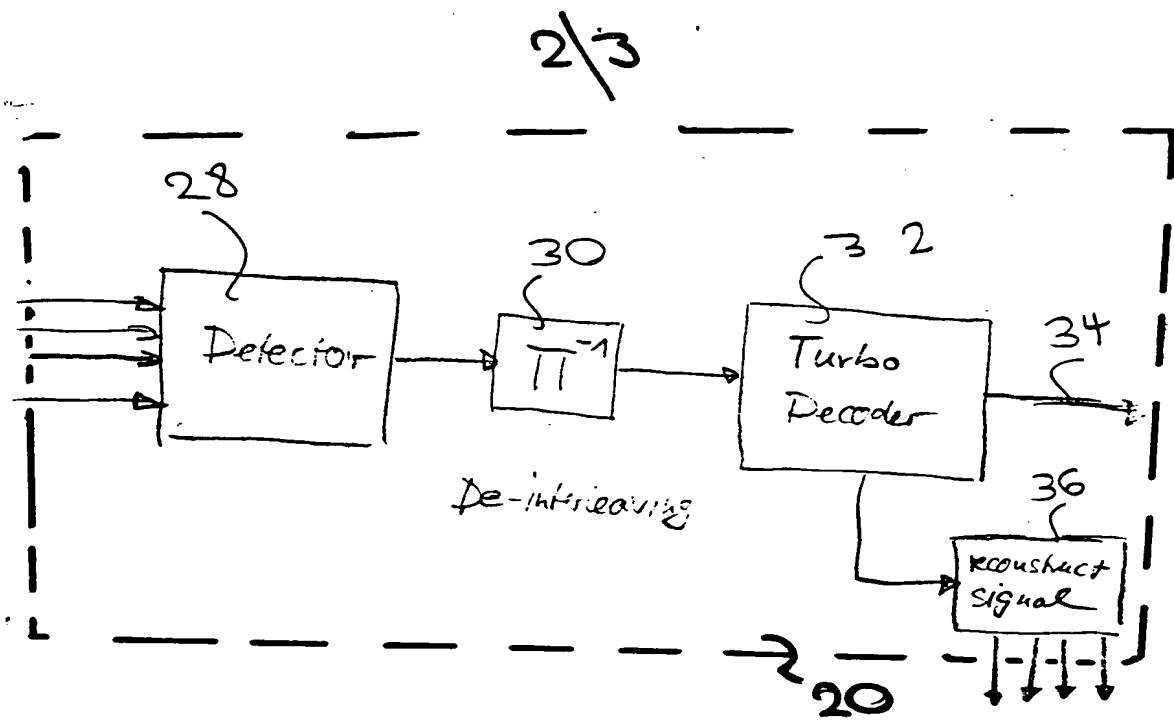


Fig.3

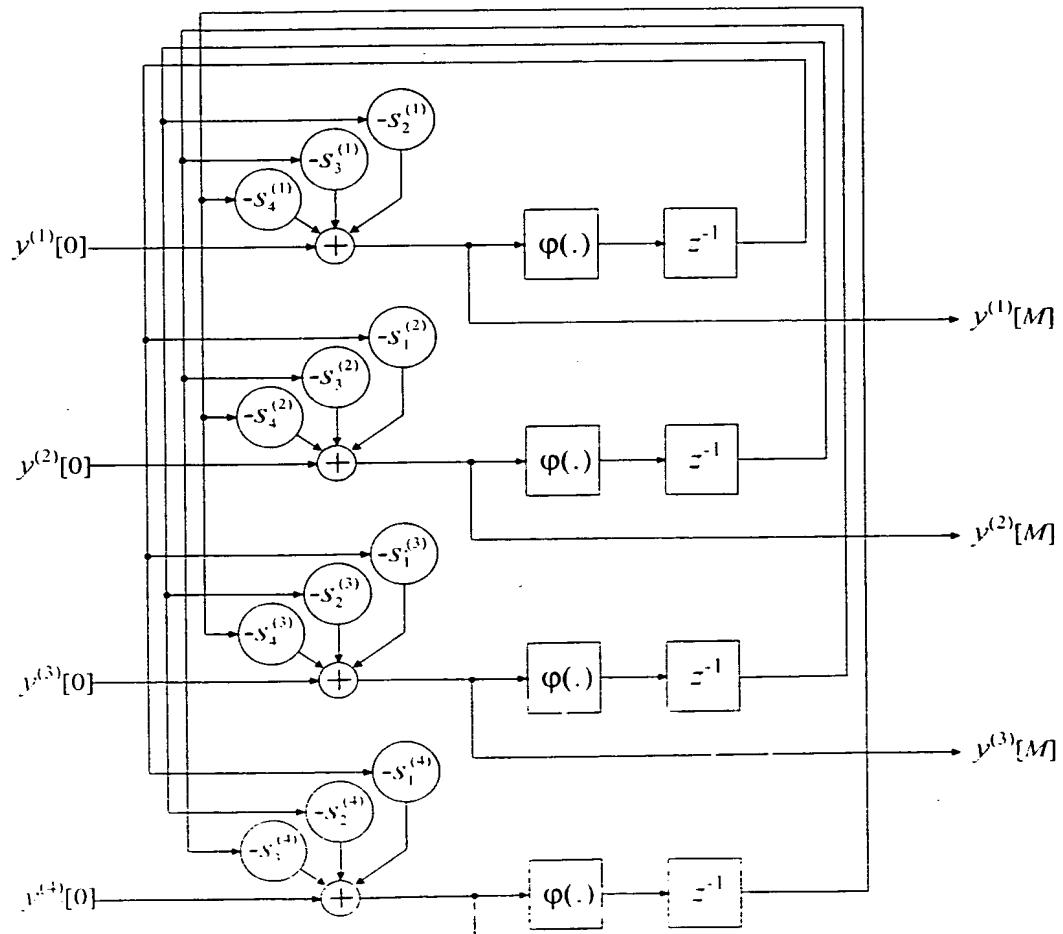
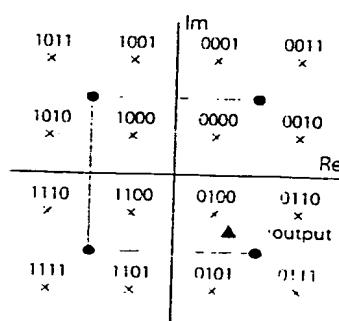


Fig.4

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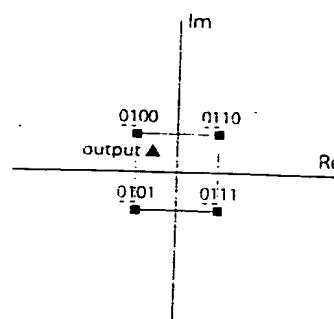
a) Layer 1



Receiver 1 estimates:
 $b_{1u}'' = -1$, $b_{1d}'' = +1$

● 4-QAM constellation for Receiver 1

b) Layer 2



Receiver 1 estimates:
 $b_{1u}'' = -1$, $b_{1d}'' = -1$

■ 4-QAM constellation for Receiver 2

Fig. 5

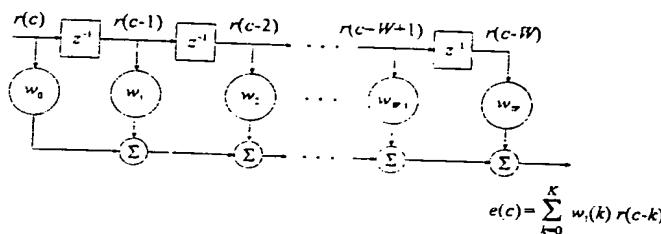


Fig. 6

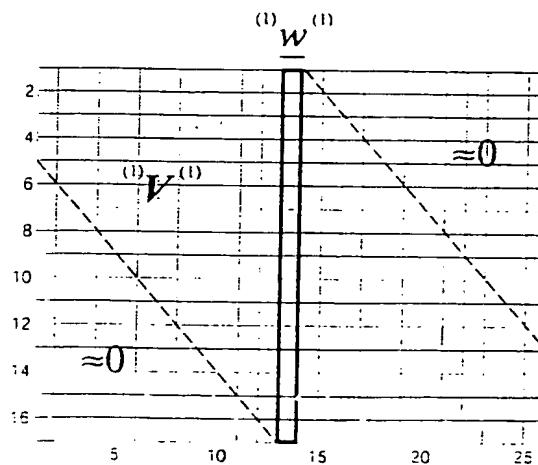


Fig. 7